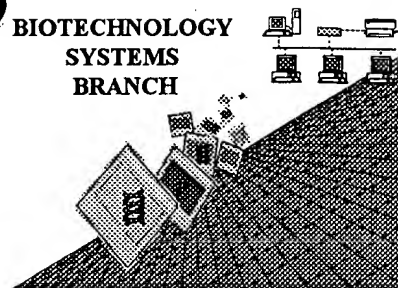


Priority

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



#6

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/339,159

Art Unit / Team No. : 1652

Date Processed by STIC: 3/31/2000

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APR 24 2000

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

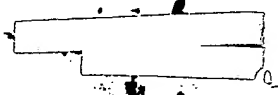
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212



Prady R

PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/339,159

 DATE: 04/06/2000
 TIME: 10:32:49

Input Set: I339159.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

1 <110> Kauppinen, Markus Sakari
 2 Schulein, Martin
 3 Schnorr, Kirk
 4 Andersen, Lene Nonboe
 5 Bjornvad, Mads Eskelund
 6 <120> Novel Mannanases
 7 <130> 5440.204-US
 8 <140> US/09/339,159
 9 <141> 1999-06-24
 10 <150> 60/106,054
 11 <151> 1998-10-28
 12 <150> 60/105,970
 13 <151> 1998-10-28
 14 <150> 60/123,543
 15 <151> 1999-03-09
 16 <150> 60/123,623
 17 <151> 1999-03-10
 18 <150> 60/123,641
 19 <151> 1999-03-10
 20 <150> 60/123,642
 21 <151> 1999-03-11
 22 <160> 34
 23 <170> FastSEQ for Windows Version 3.0

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

E--> 24 <210> 1
 E--> 25 <211> *> insert these mandatory numerical identifiers and responses*
 E--> 26 <212>
 E--> 27 <213>
 28 <400> 1
 29 ttgaataatg gttttaaaaa aattttttct ataacattat cattactatt agctagctct 60
 30 attctgttcg tttcaggaac ttctacagct aatgcaaatt ccggatttta tgtaagcggg 120
 31 accactctat acgatgccaa tggaaaccca ttgtaatga gagggattaa ccatgggcac 180
 32 gcatggtata aagaccaggc aactactgca attgaaggga ttgcaaatac cggtgctaata 240
 33 acggtccgga ttgtgttatc tgatggggga caatggacaa aagatgacat ccatacagta 300
 34 agaaacctta tctcttttagc ggaagataat catttggttg ctgttcttga agttcatgat 360
 35 gctaccgggt atgattccat tgcttcgctc aatcgctgctg ttgattattg gattgaaatg 420
 36 agaagtgcct taattggaaa ggaagatacc gtcattatta atattgcgaa tgaatgggtt 480
 37 gggttcgtggg aaggggatgc ttgggctgac ggggtataaac aagcaatccc gcgattgcgt 540
 38 aacgccggtc taaaccatac cttgatggta gatgctgcgg ggtggggaca atttccacaa 600
 39 tcgattcatg attatggaag agaagttttt aatgctgacc ctcaacgaaa tacaatgttt 660

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,159DATE: 04/06/2000
TIME: 10:32:49

Input Set: I339159.RAW

40	tcgattcata	tgtatgaata	tcgagggtgt	aatgcatcgc	aagttcgtac	taatattgac	720
41	cgagttctta	atcaagacct	cgcattagtc	attggtgaat	ttggacaccg	tcatacaaat	780
42	ggtgacgtcg	atgaagcaac	gattatgagc	tattctgaac	aaagaggagt	tgggtggttg	840
43	gcgtgggtcat	ggaaagggaa	cggcccagaa	tgggagtatt	tagacctttc	gaatgattgg	900
44	gctggaaata	accttacagc	ttggggaaat	acaatagtga	atggtccata	tggtttaaga	960
45	gaaacttcga	gattaagcac	cgtttttaca	ggtggaggat	ctgatggagg	aacttctccg	1020
46	acaactcttt	atgattttga	aggtagtatg	caaggatgga	ctggaagtag	cttgagcgga	1080
47	ggtccttggg	ctgtgacaga	gtggtcttct	aaaggaagtc	attctttaaa	agcggatatt	1140
48	caattgtcgt	caaattcaca	acattactta	catgttattc	aaaatacgtc	tttacagcag	1200
49	aatagtagga	tacaagctac	tgttaaacat	gcaaattggg	gaagtgttgg	taatggaatg	1260
50	actgcgcgtc	tttatgtgaa	aacaggacat	ggttatacat	ggtactctgg	aagctttgtg	1320
51	ccgattaacg	gttcactctg	aacaacgcta	tctctagatt	tatcaaattg	ccaaaatctt	1380
52	tctcaagtaa	gggaaattgg	agttcagttc	caatcagcga	gtgatagtag	tggacaaaca	1440
53	tcgatttata	ttgataatgt	gattgtagaa				1470

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Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

Input Set: I339159.RAW

Line ? Error/Warning

Original Text

25 E Missing Required Data for this Field
26 E Wrong or missing Molecule Type
27 E Response to "Organism" is Missing